

AMENDMENTS

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Amendments to the Claims

Please amend the claims according to the following listing of the claims.

Listing of the claims

1. (Currently amended) Metallurgical vessel for iron and steel making comprising a bottom portion, a sidewall and a lance arrangement of at least three lances for supplying oxygen containing gas to the interior of the vessel in operation,
each lance has a corresponding feed chute for adding therethrough particulate material to the vessel in the substantially downwardly directed flow of post-combusted gases,
each feed chute is positioned between a respective said lance and the sidewall of the metallurgical vessel in a radial direction,
wherein each lance comprises an end portion for emitting oxygen containing gas,
wherein the lance arrangement comprises said at least three lances, the lances projecting into the upper portion of the vessel,
wherein at least one of the lances is provided with means for emitting a plurality of jets of oxygen containing gas from its end portion,
wherein at least one lance is arranged for directing the oxygen containing gas towards a central axis of the metallurgical vessel,
said lance arrangement for achieving in operation a substantially downwardly directed flow of post-combusted gases at the side wall of the vessel and a substantially upwardly directed flow of post-combusted gases in the centre of the vessel.
2. (Cancelled)